



2025 Expert Series

Advanced Techniques in Needleworks, First Trimester Ultrasound, and Critical Care.

October 13 - 15 • Inova Fairfax Medical Campus • Fairfax, VA

SMFM 2025 Expert Series | Detailed First Trimester Ultrasound (DFTU)

As of 9/23/2025 – Subject to change

Agenda: Tuesday, October 14, 2025

7:00 am – 5:00 am	Registration
	Session #1: From Guideline to Practice
8:00 am – 8:10 am	Introduction ➤ Aris T. Papageorghiou, FRCOG, MBBCH, MD and Simon E. Meagher, MD, PhD
8:10 am – 8:40 am	How to perform a detailed routine first trimester scan in 2025 ➤ Bryann Bromley, MD
08:40am – 09:20 am	Screening and Diagnosis of fetal Malformation 11-14 weeks – A sonographic overview. ➤ Simon E. Meagher, MD, PhD
09:20am – 09:45am	Optimizing your ultrasound machine for first trimester screening: from basic to advanced knobology ➤ Mishella Perez, BS, RDMS, RDCS, FAIUM
09:45am – 10:00am	AM Break
10:00 am -10:30 am	Detection fetal anomalies at 11-14 weeks: what the data show ➤ Aris T. Papageorghiou, FRCOG, MBBCH, MD
10:30 am – 11:00 am	Panel discussion: ISUOG / AIUM / SMFM Guideline: does it matter? ➤ Shad Deering, Bryann Bromley, MD, Aris T. Papageorghiou, FRCOG, MBBCH, MD,
	Session #2: Genetics for the First Trimester
11:00 am – 11:30 am	Genetic screening in the first trimester: what every clinician needs to know ➤ Steven J. Ralston, MD, MPH
11:30 am – 12:00 pm	Thickened NT: karyotype, array, panel, or exome? ➤ Lorraine Dugoff, MD
12:00 pm – 1:00 pm	Lunch
1:00 pm – 1:30 pm	Skeletal Dysplasias on ultrasound – what is possible? ➤ Aris T. Papageorghiou, FRCOG, MBBCH, MD

1:30 pm – 2:00 pm	NIPT-Case Studies / Panel Discussion ➤ Lorraine Dugoff, MD, Aris T. Papageorgiou, FRCOG, MBBCH, MD and Simon E. Meagher, MD, PhD
	Session #3: Earlier screening: Changing algorithms
2:00 pm – 2:30 pm	Live Scan Demonstration ➤ Aris T. Papageorgiou, FRCOG, MBBCH, MD, Bryann Bromley, MD, Mishella Perez, BS, RDMS, RDCS, FAIUM
2:30 pm – 2:50 pm	Screening for open spina bifida at 11-14 weeks made easy ➤ Simon E. Meagher, MD, PhD
2:50 pm – 3:10 pm	Malformation of the fetal face 11-14 weeks: clues to diagnosis ➤ Mishella Perez, BS, RDMS, RDCS, FAIUM
3:10 pm – 3:30 pm	Embryo and early fetal structural anomalies <11 weeks: what's possible? ➤ Simon E. Meagher, MD, PhD
3:30 pm – 3:45 pm	PM Break
	Session #4: Fetal CNS
3:45 pm – 4:15 pm	Screening and diagnosis of fetal brain malformation 11-14 weeks ➤ Simon E. Meagher, MD,
4:15 pm – 4:35 pm	Fetal Brain Malformation 11-14 weeks – Genetic Considerations ➤ Lorraine Dugoff, MD
4:35 pm – 5:00 pm	Case Studies / Panel Discussion ➤ Lorraine Dugoff, MD, Simon E. Meagher, MD, PhD, Mishella Perez, BS, RDMS, RDCS, FAIUM, Bryann Bromley, MD
	END OF DAY I

Day 2	Agenda: Wednesday, October 15, 2025
7:00 am – 5:00 pm	Registration Hours
	Session #5: Fetal Cardiac screening
8:00 am – 8:45 am	Live Scan Demonstration : First Trimester Fetal echocardiogram ➤ Simon Meagher MD & Aris T. Papageorghiou, FRCOG, MBBCH, MD
8:45 am – 09:15 am	Screening and diagnosis of fetal cardiac malformation 11-14 weeks : ➤ The Facts Aris T. Papageorghiou FRCOG, MBBCH, ➤ The Images Simon Meagher MD
09:15 am – 09:45 am	Fetal Cardiac Malformation 11-14 weeks – Genetic Considerations ➤ Lorraine Dugoff, MD
09:45 am – 10:15 am	Case Studies / Panel Discussion ➤ Mishella Perez, BS, RDMS, RDCS, FAIUM, Lorraine Dugoff, MD, Aris T. Papageorghiou, FRCOG, MBBCH, MD, Simon E. Meagher, MD, PhD
10:15 am – 10:30 am	AM Break
	Session #6: The Fetal Abdomen
10:30 am – 11:00 pm	Ventral abdominal wall defects: diagnostic and management dilemmas ➤ Simon E. Meagher, MD, PhD
11:00 am – 11:30 am	GIT Anomalies – Genetic Considerations ➤ Lorraine Dugoff, MD
11:30 am – 12:00 pm	Case Studies & Panel Discussion ➤ Bryann Bromley, MD, Lorraine Dugoff, MD, Aris T. Papageorghiou, FRCOG, MBBCH, MD, Simon E. Meagher, MD, PhD
12:00 pm – 1:00 pm	Lunch
1:00 pm– 1:30 pm	Live Scan Demonstration –The use of AI in first trimester screening ➤ Mishella Perez, BS, RDMS, RDCS, FAIUM, Aris T. Papageorghiou, FRCOG, MBBCH, MD
	Session #7: Urinary tract and Multiple Pregnancy
1:30 pm – 2:00 pm	Fetal genitourinary tract malformation: LUTO and beyond ➤ Bryann Bromley, MD
2:00 pm – 2:30 pm	Multiple Pregnancy in the first trimester: special considerations ➤ Jena L. Miller, MD, Aris Papageorghiou, FRCOG, MBBCH
2:30 pm – 3:00 pm	Case Studies & Panel Discussion (INCLUDE NIPT IN TWINS AND VANISHING TWIN) ➤ Lorraine Dugoff, Bryann Bromley, MD, Jena L. Miller, MD, Simon E. Meagher, MD, PhD
3:00 pm – 3:15 pm	PM BREAK
	Session #8: Practice considerations

3:15 pm – 3:45 pm	Screening for adverse pregnancy outcome ➤ Jena L. Miller, MD
3:45 pm – 4:15 pm	Implementing first trimester anatomical screening: practice and coding considerations ➤ Bryann Bromley, MD
4:15 pm – 4:30 pm	The case for cost effectiveness ➤ Aris T. Papageorghiou, FRCOG, MBBCH
4:30 pm – 5:00 pm	Discussion and Close ➤ Shad Deering, Mishella Perez, BS, RDMS, RDCS, FAIUM, Aris T. Papageorghiou, FRCOG, MBBCH, MD, Bryann Bromley, MD, Simon E. Meagher, MD, PhD This could include - What to say and not to say - The Patients perspective

Course Directors

- Aris T. Papageorghiou, FRCOG, MBBCH, MD
- Simon E. Meagher, MD, PhD

Faculty

- Bryann Bromley, MD
- Jena L. Miller, MD
- Lorraine Dugoff, MD
- Mishella Perez, BS, RDMS, RDCS, FAIUM
- Steven J. Ralston, MD, MPH
- Shad Deering,